

Fig. 1

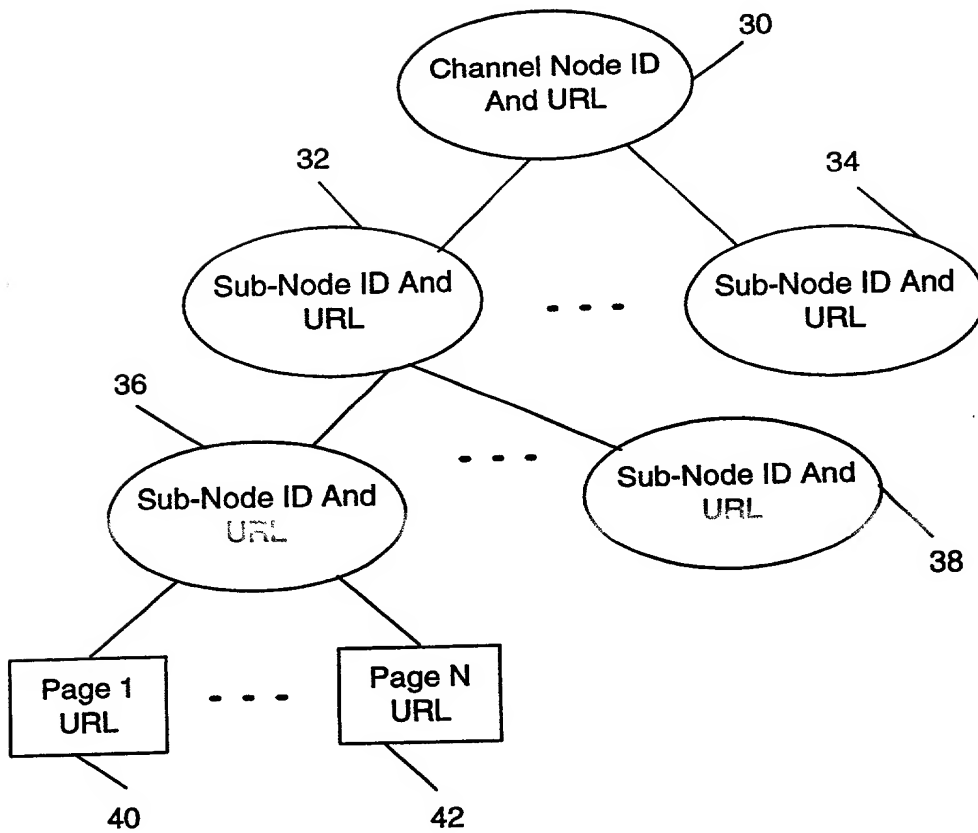


Fig. 2

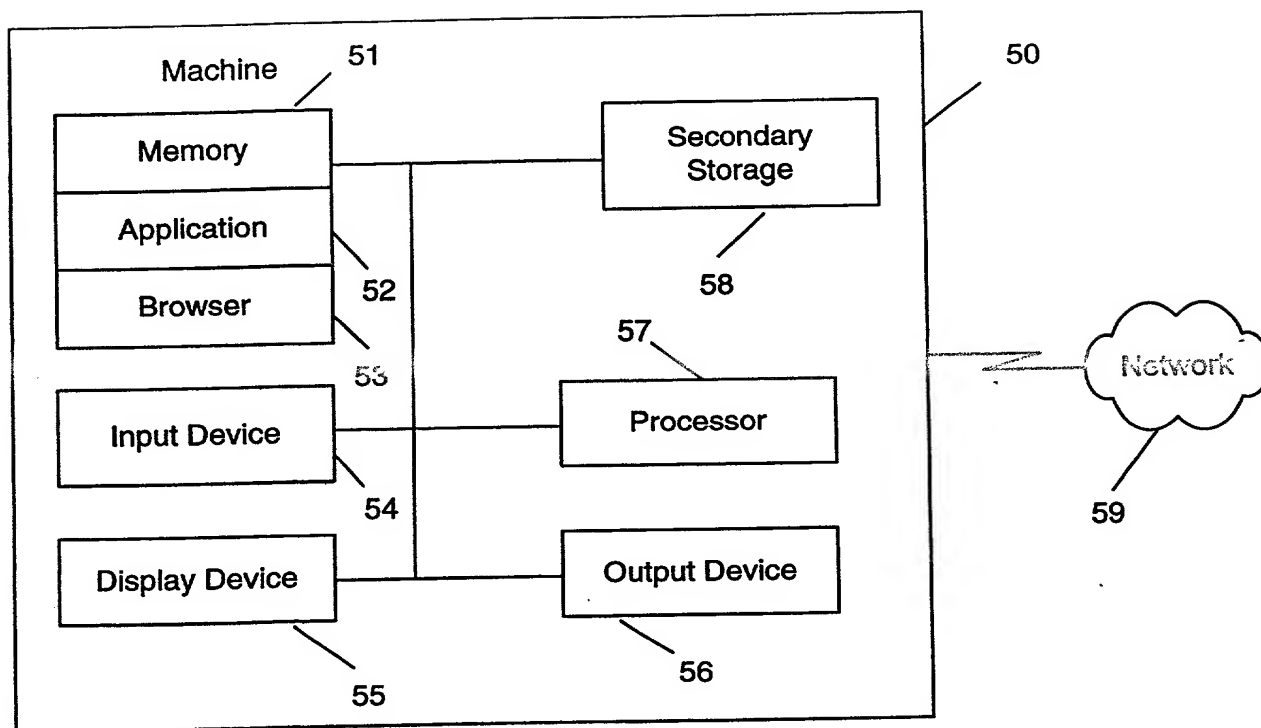


Fig. 3

60

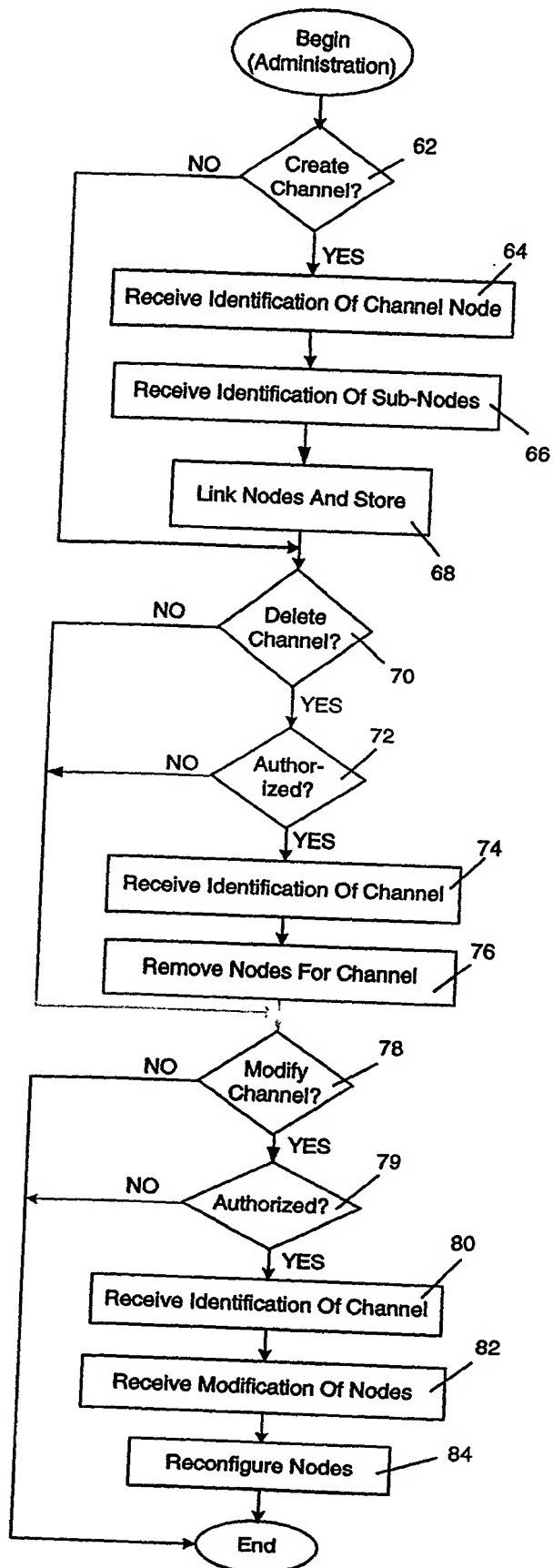


Fig. 4

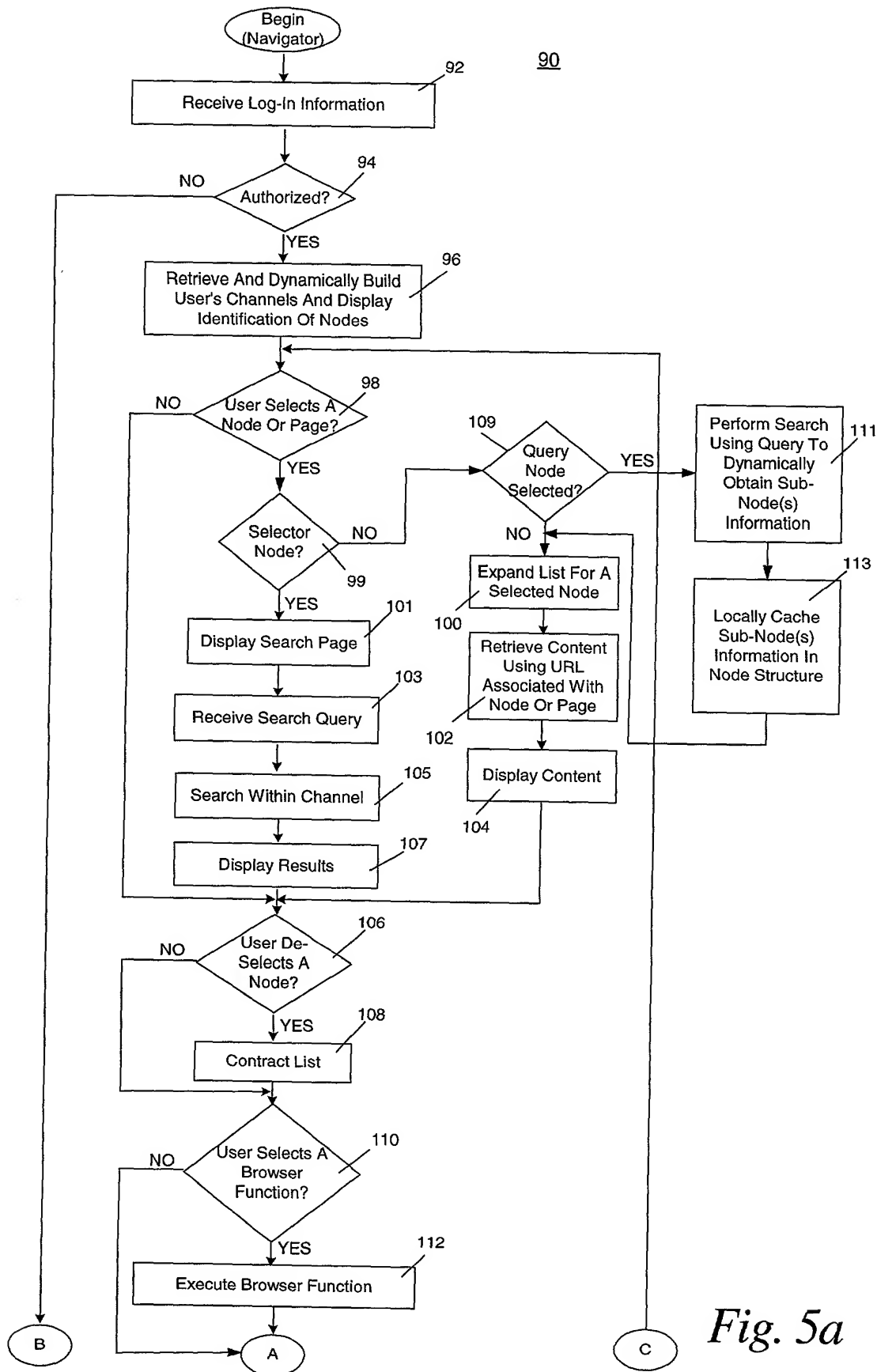


Fig. 5a

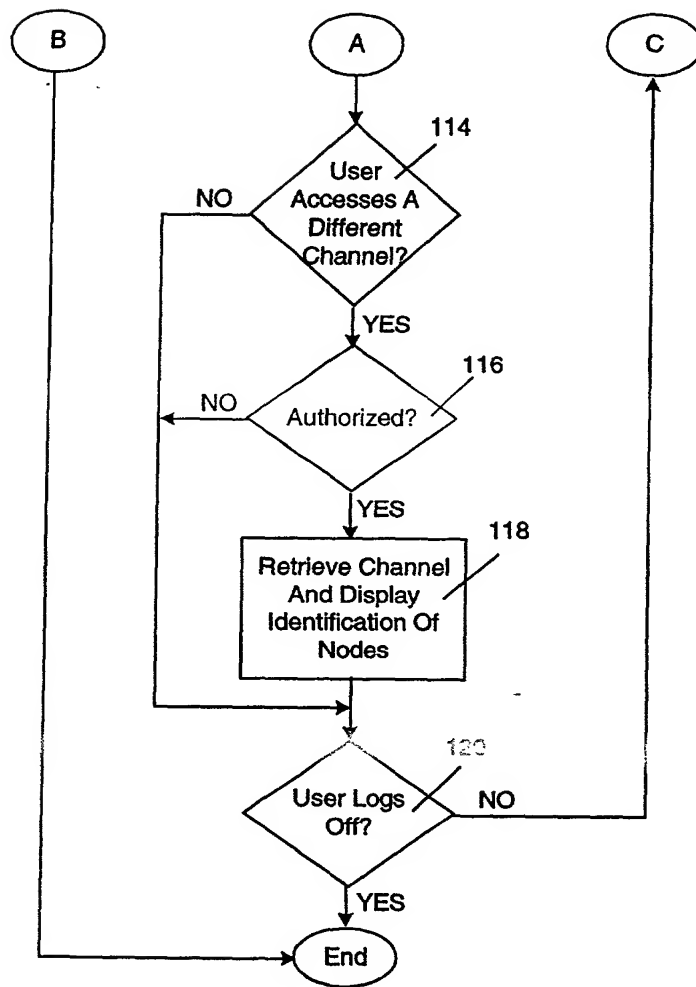


Fig. 5b

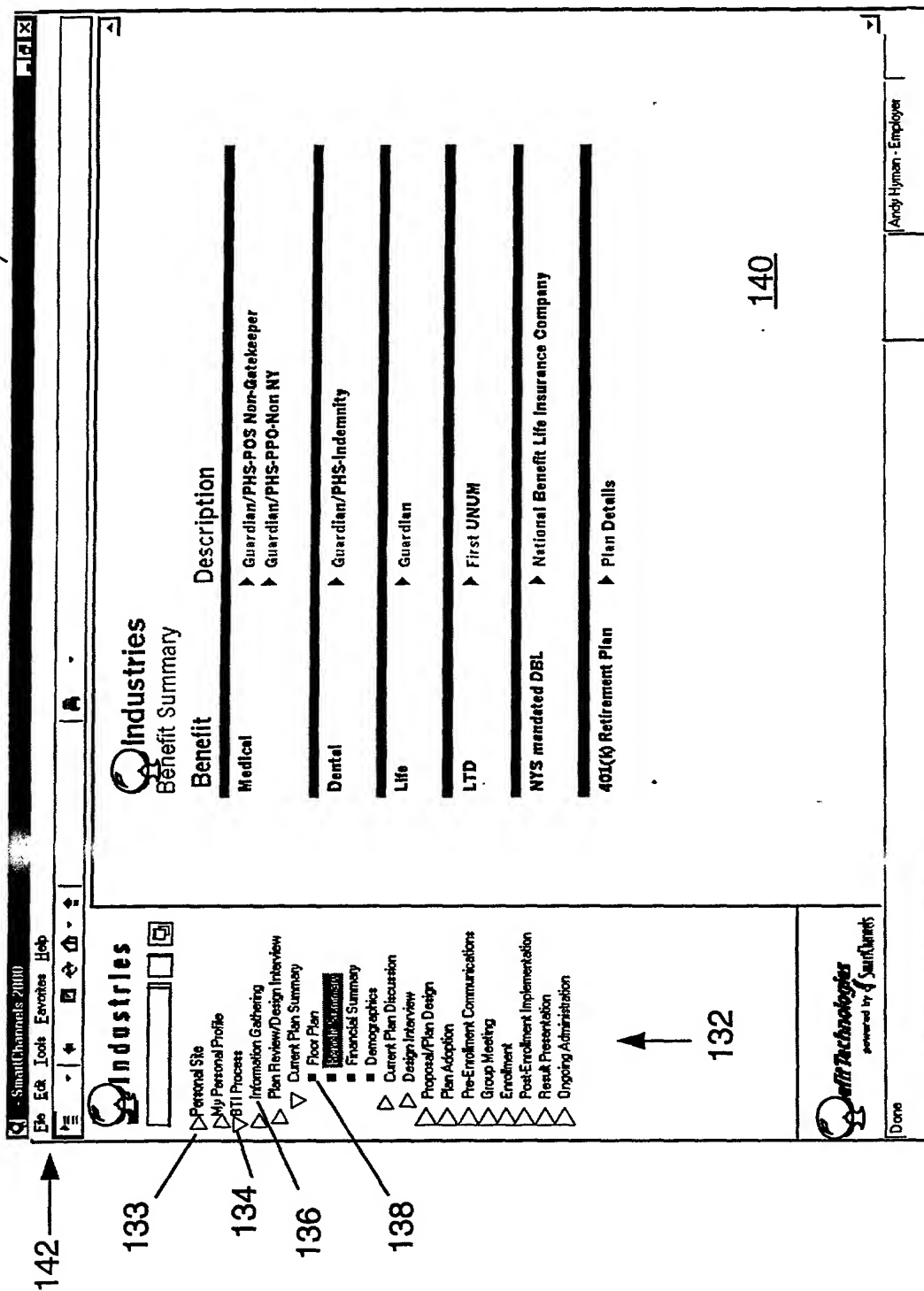


Fig. 6

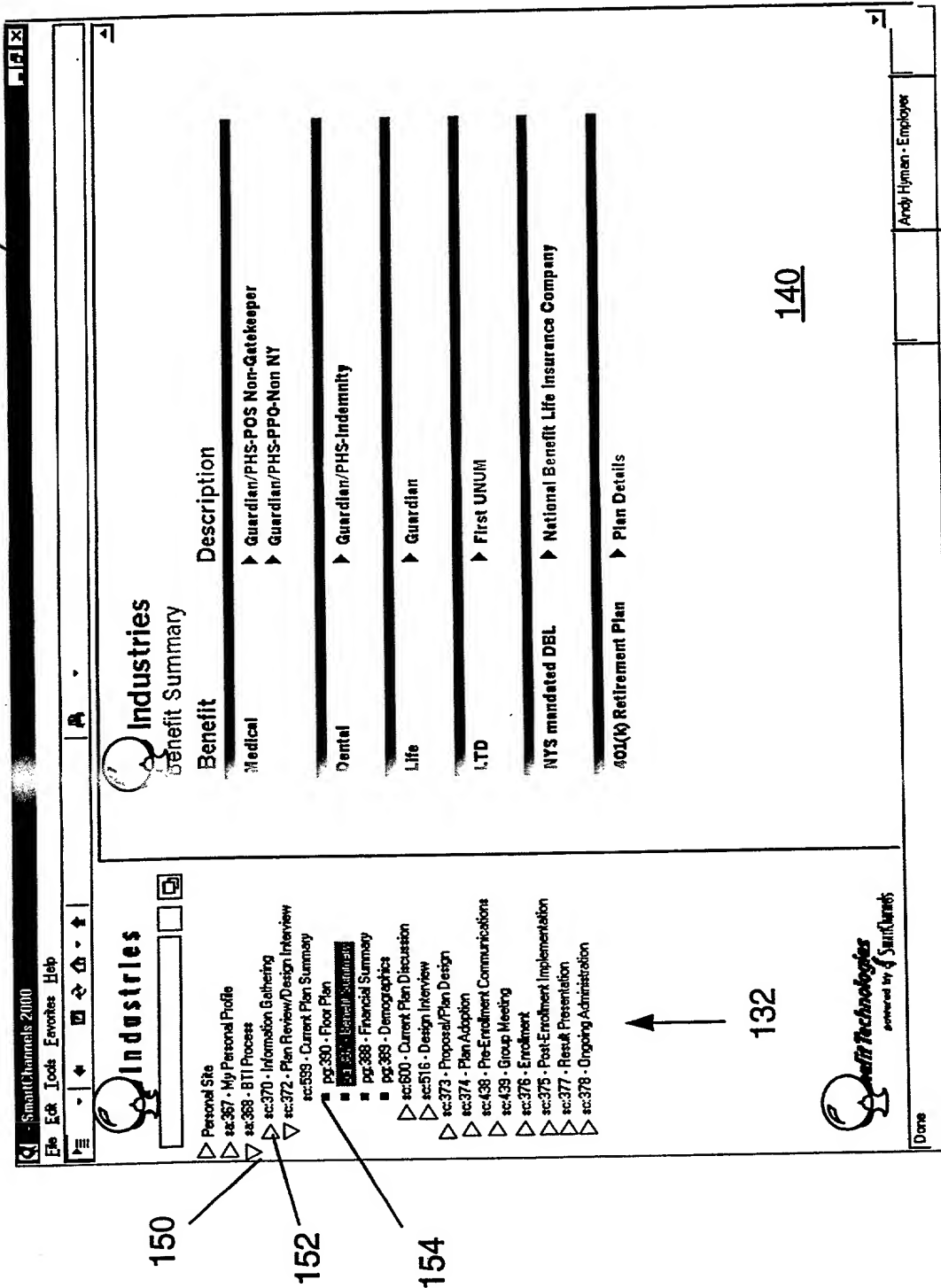


Fig. 7

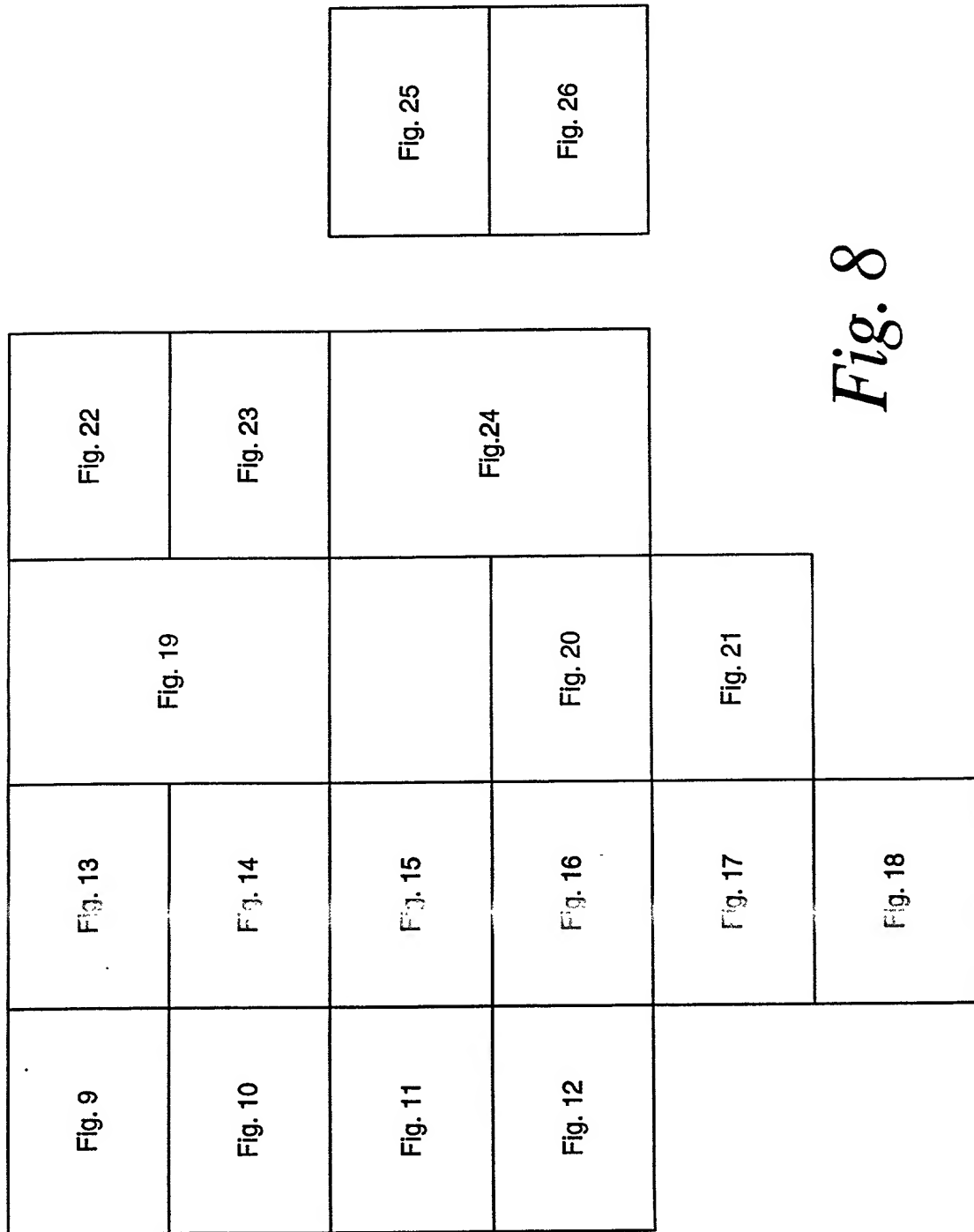


Fig. 8

SmartChannels.Net
Physical Database Schema - 9/21/00 - version 2.0

Table Types

Abbreviation	Description	Purpose
PE	Primary Entities	Tables containing primary attributes (fields) of a primary business entity or object
SE	Singular Supplemental Attributes Table, applying to Every primary entity record	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a one to one relationship with that primary business entity or object. Attributes of this type of table apply to every related primary entity record. In other words, every primary entity record has these supplemental attributes as well.
SS	Singular Supplemental Attributes Table, applying to Some or Specific types of primary entity records	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a one to one relationship with that primary business entity or object. Attributes of this type of table apply to specific types of related primary entity records, usually based on a field value within the primary entity record or may just apply to some primary entities. In other words, not every primary entity record has these supplemental attributes.
ME	Multiple Supplemental Attributes Table, applying to Every primary entity record	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a many to one relationship with that primary business entity or object. Attributes of this type of table apply to every related primary entity record. In other words, every primary entity record has these supplemental attributes as well.
MS	Multiple Supplemental Attributes Table, applying to Some or Specific types of primary entity records	Tables containing supplemental attributes (fields) of a primary business entity or object, that has a many to ^{one} relationship with that primary business entity or object. Attributes of this type of table may apply to specific types primary entity record, usually based on a field value within the primary entity record or may just apply to some primary entities. In other words, not every primary entity record has these supplemental attributes.
XL	Cross (X) Link Table	Tables which define a many to many relationship, usually between primary business entities or objects
LK	Lookup Table	Tables that describe a code or abbreviation used to represent an attribute in any other type of table.
S T	System Table	Tables developed by SmartChannels.Net containing attributes (fields) which can drive system objects in the application
CL	Core Logic System Table	Tables developed by Core Logic containing attributes (fields) which can drive system objects in the application

Fig. 9

**Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
PERSONAL SITES AND MEMBERSHIP CHANNELS**

Inventor(s): Jon E. Ramer, et al.

Attorney Docket No.: 11592.02

Data Type Abbreviations

Abbreviation	MS-SQL Server 7.0 Data Type
b	binary[(n)]
vb	varbinary[(n)]
ch	char[(n)]
vch	varchar[(n)]
dt	datetime
ts	Timestamp
sdt	smalldatetime
d	decimal[(p, s)] numeric[(p, s)] Fixed Decimal
fl	float[(n)] real Floating Point Decimal
i	int Integer
si	smallint Small Integer
ti	tinyint Tiny Integer
m	money Money
sm	smallmoney Small Money
bt	bit Bit
ud	user-defined datatypes

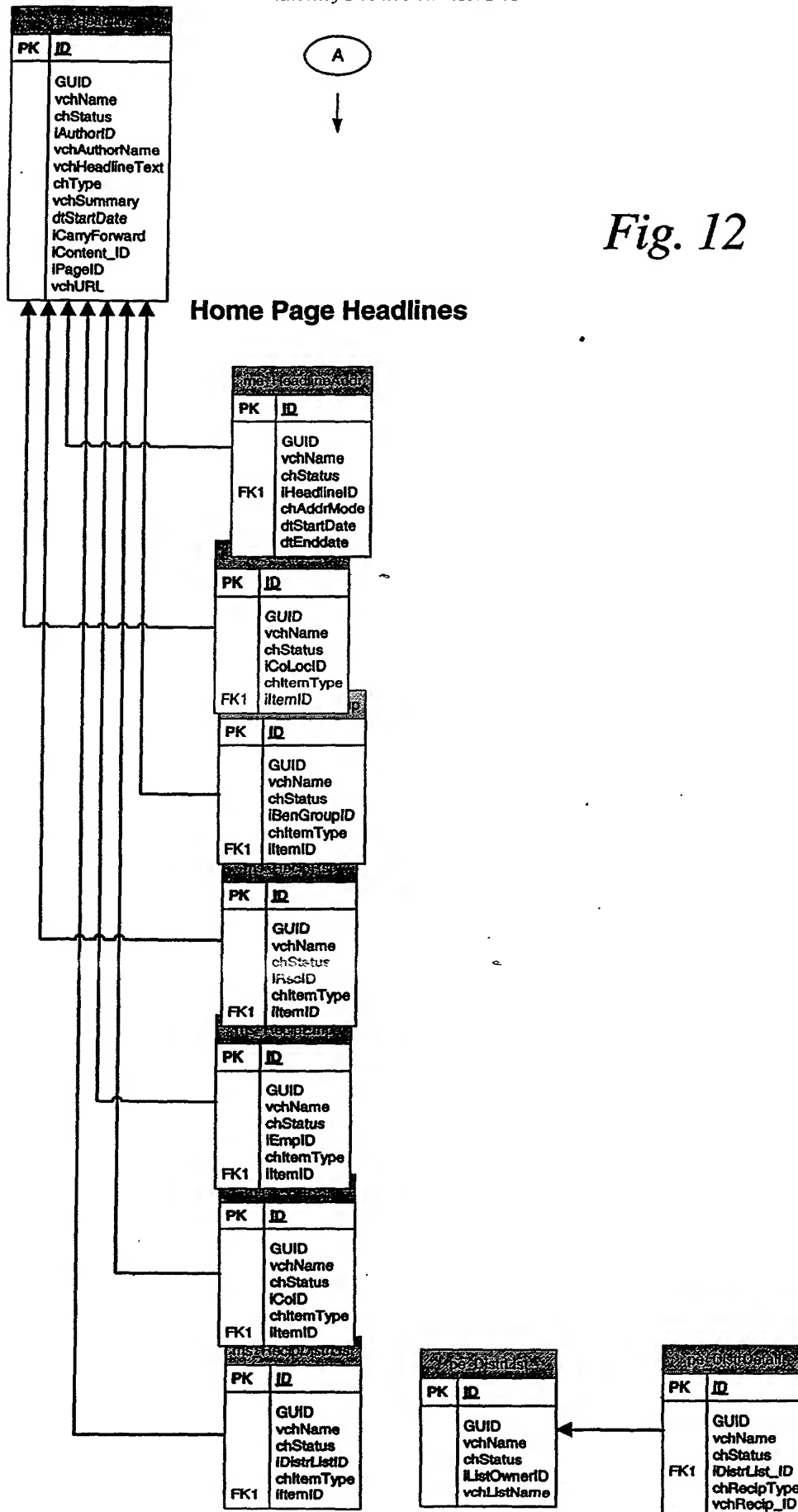
Fig. 10

General Use Abbreviations

<u>Abbreviation</u>	<u>Description</u>
n	Address
Addr	Administrator
Admin	Amount
Amt	Archive
Arch	Assistance
Ast	Average
Avg	Broadcast
Bdcst	Benefit
Ben	Beneficiary
Benf	Beginning of Month
BOM	Beginning of Year
BOY	Category
Cat	Change & Changes
Chg & Chgs	Company
Co	Compensation
Comp	Coordination
Coord	Company Plan
CoPA	Contribution
Ctrb	Coverage
Cvg	Database
Db	Discount
Dct	Dependent
Dep	Description
Desc	Destination
Dest	Detail
Det	Discussion
Dis	Day of Month
DOM	Day of Year
DOY	Day & Days
Dy & Dys	Effective
Eff	Election
Elect	Eligible
Elig	Eligibility
Eligy	Employee
Emp	End of Month
EOM	End of Year
EOY	Event
Evt	Export
Exp	Fulfillment
Ffmt	Format
Fmt	Funding
Fndg	Frequency
Freq	

<u>Abbreviation</u>	<u>Description</u>
Imp	Import
Init	Initial
Ins	Insurance
Loc	Location
LTD	Life To Date
Max	Maximum
Mbr	Member
Mgmt	Management
Mgr	Manager
Min	Minimum
Mkt	Market
MktP	Marketplace
Mo & Mos	Month & Months
Mthd	Method
No	Number
OE	Open Enrollment
Ofc	Office
Ofg	Offering
Ofr	Offer
Org	Organization
Pct	Percentage
Pg	Page
Pkg	Package
Plng	Planning
Pmt	Payment
Pref	Preferred
Prim	Primary
PTO	Paid Time Off
Recip	Recipient
Req	Request
Rsc	Resource
Sched	Schedule
Sec	Secondary
SKU	Stock Keeping Unit
Src	Source
Stmt	Statement
Subj	Subject
Subs	Subsequent
Svc	Service
Svg	Saving
Tech	Technology
Term	Termination
TPA	Third Party Administrator
Ven	Vendor
Vstg	Vesting
Yr & Yrs	Year & Years
YTD	Year To Date

Fig. 11



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System Tables

User Interface - Site Area, Sections & Pages

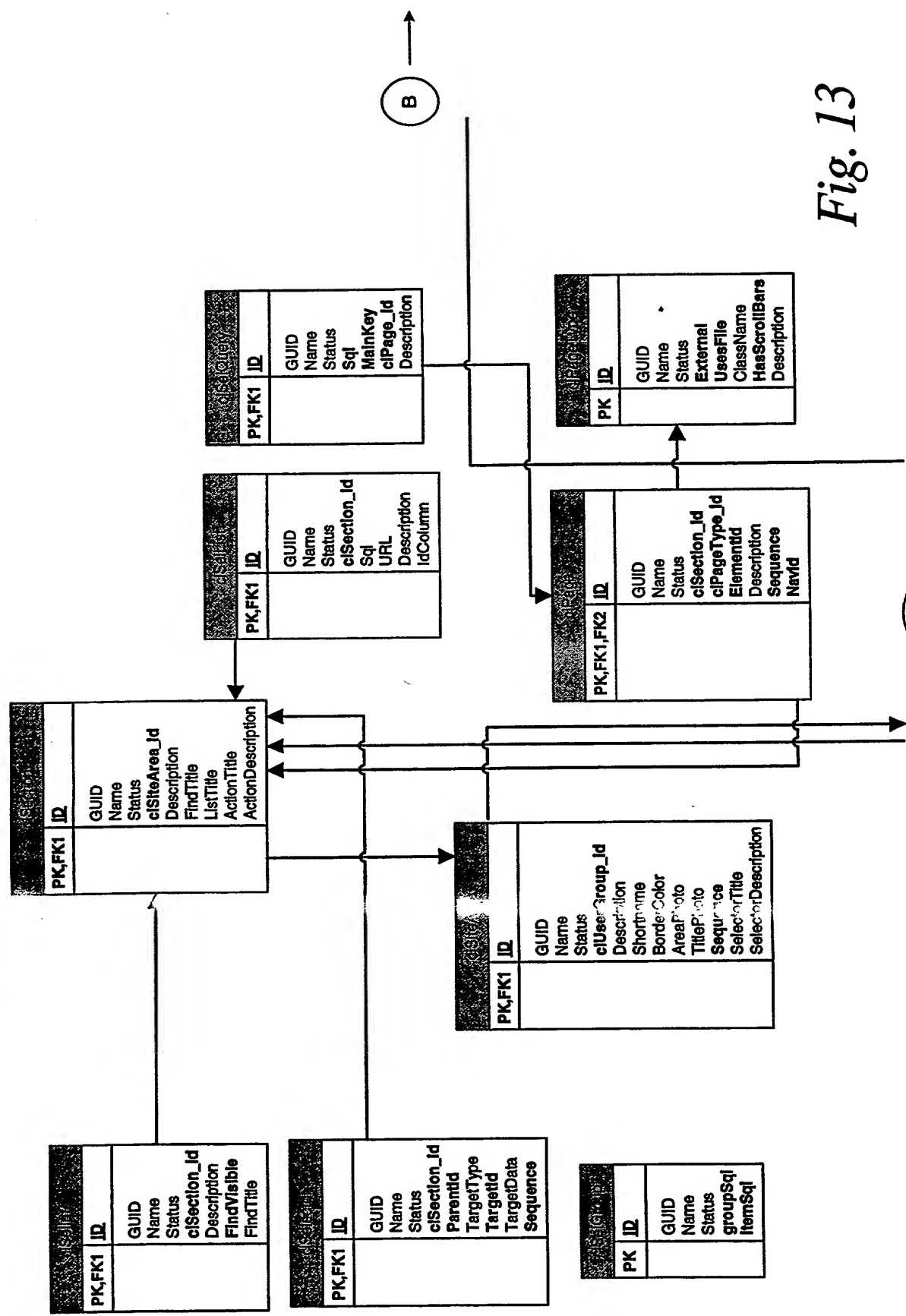
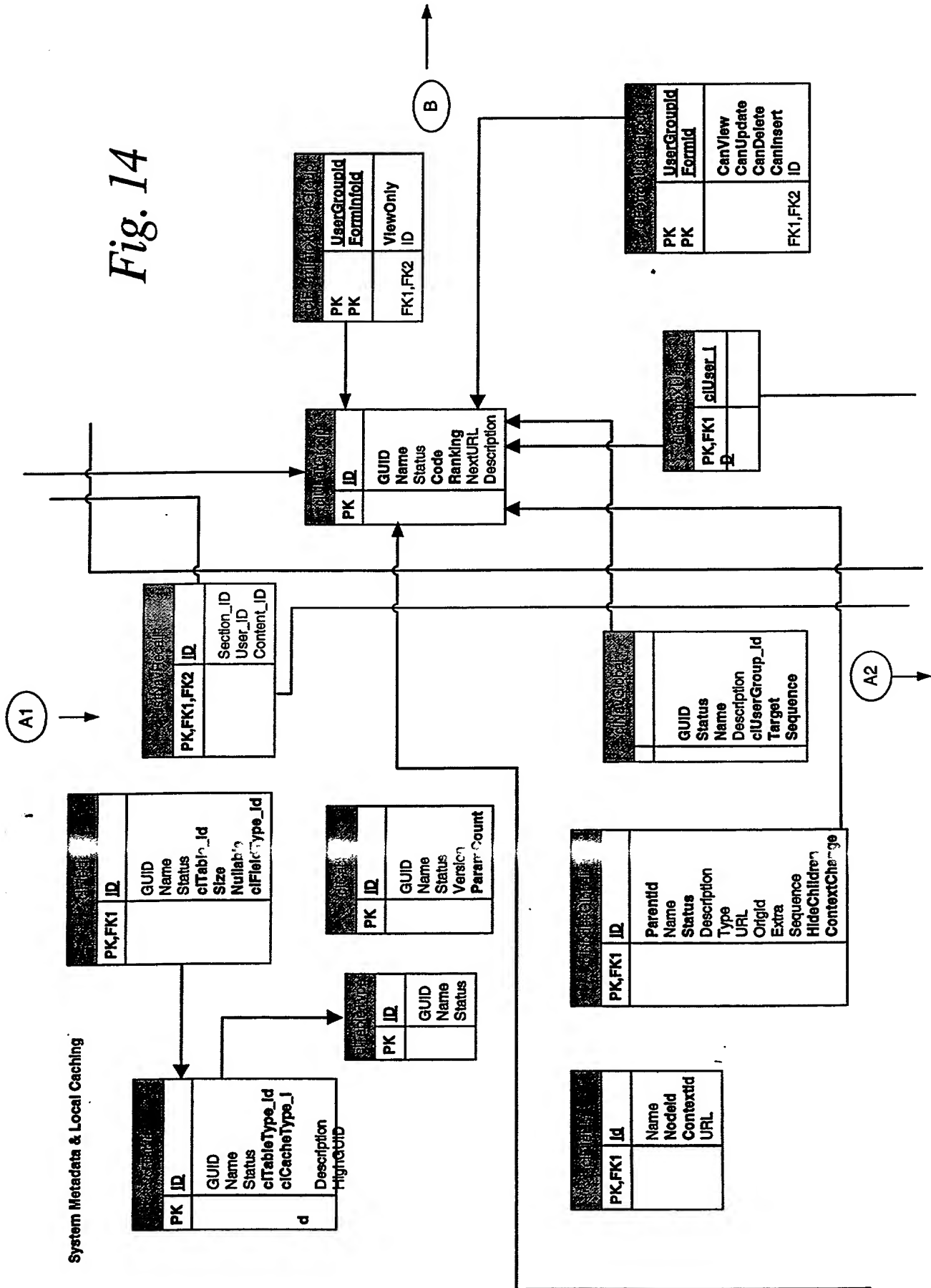
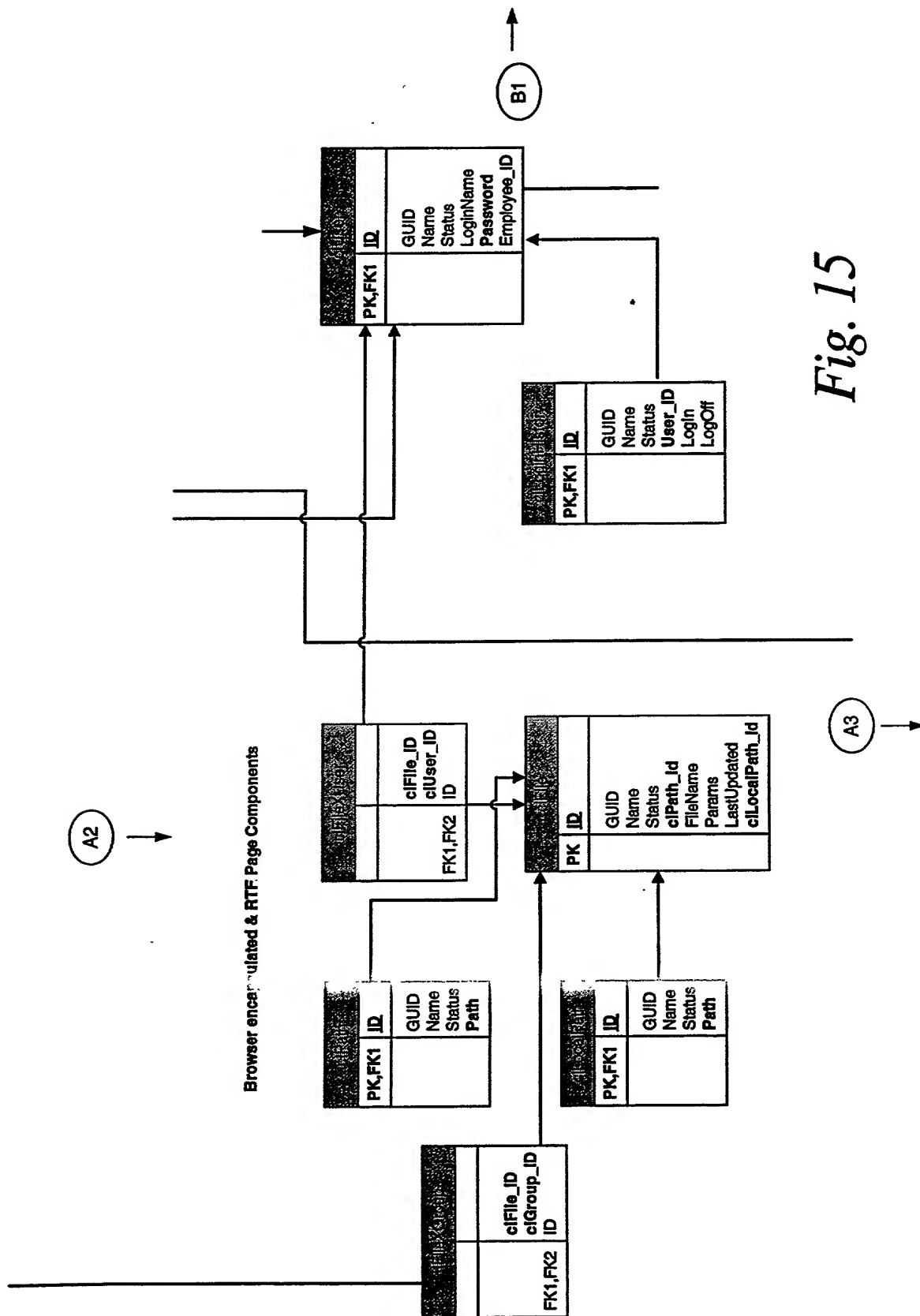
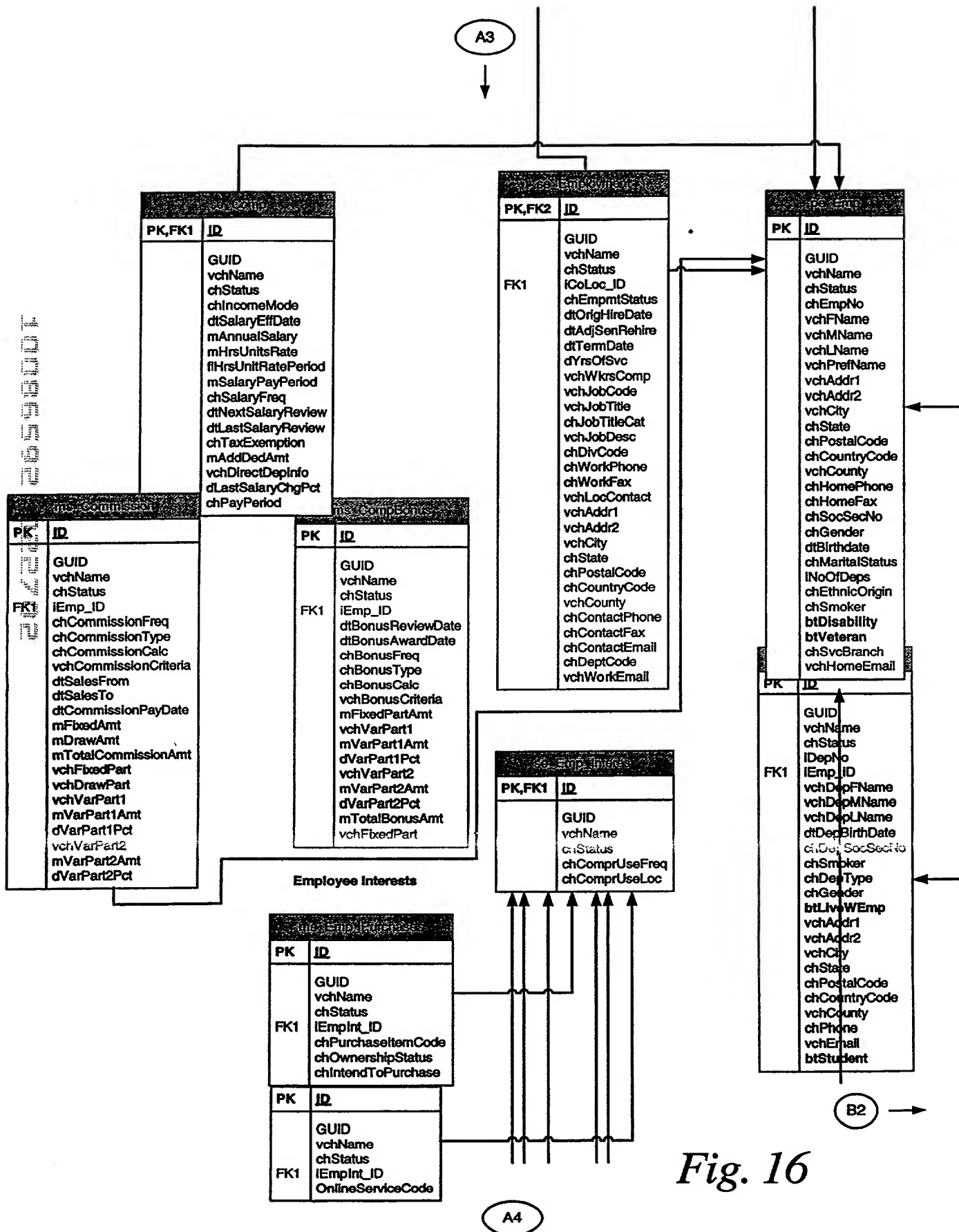


Fig. 13

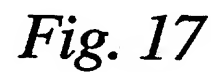
Fig. 14







Inventor(s): Jon E. Ramer, et al.
Attorney Docket No.: 11592.02



A5
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2000-03-20 25593001

ms.RecipCh	
PK	ID
	GUID vchName chStatus IColD chItemtype ItemID
FK1	
	ms.RecipDist
PK	ID
	GUID vchName chStatus IDistrListID chItemtype ItemID
FK1	
	ms.RecipDist

ms.RecipDist	
PK	ID
	GUID vchName chStatus IListOwnerID vchListName

ms.RecipDist	
PK	ID
	GUID vchName chStatus IDistrList_ID chRecipType vchRecip_ID
FK1	
	ms.RecipDist

B4
→

Fig. 18

Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
PERSONAL SITES AND MEMBERSHIP CHANNELS

Inventor(s): Jon E. Ramer, et al.

Attorney Docket No.: 11592.02

Form Page Components

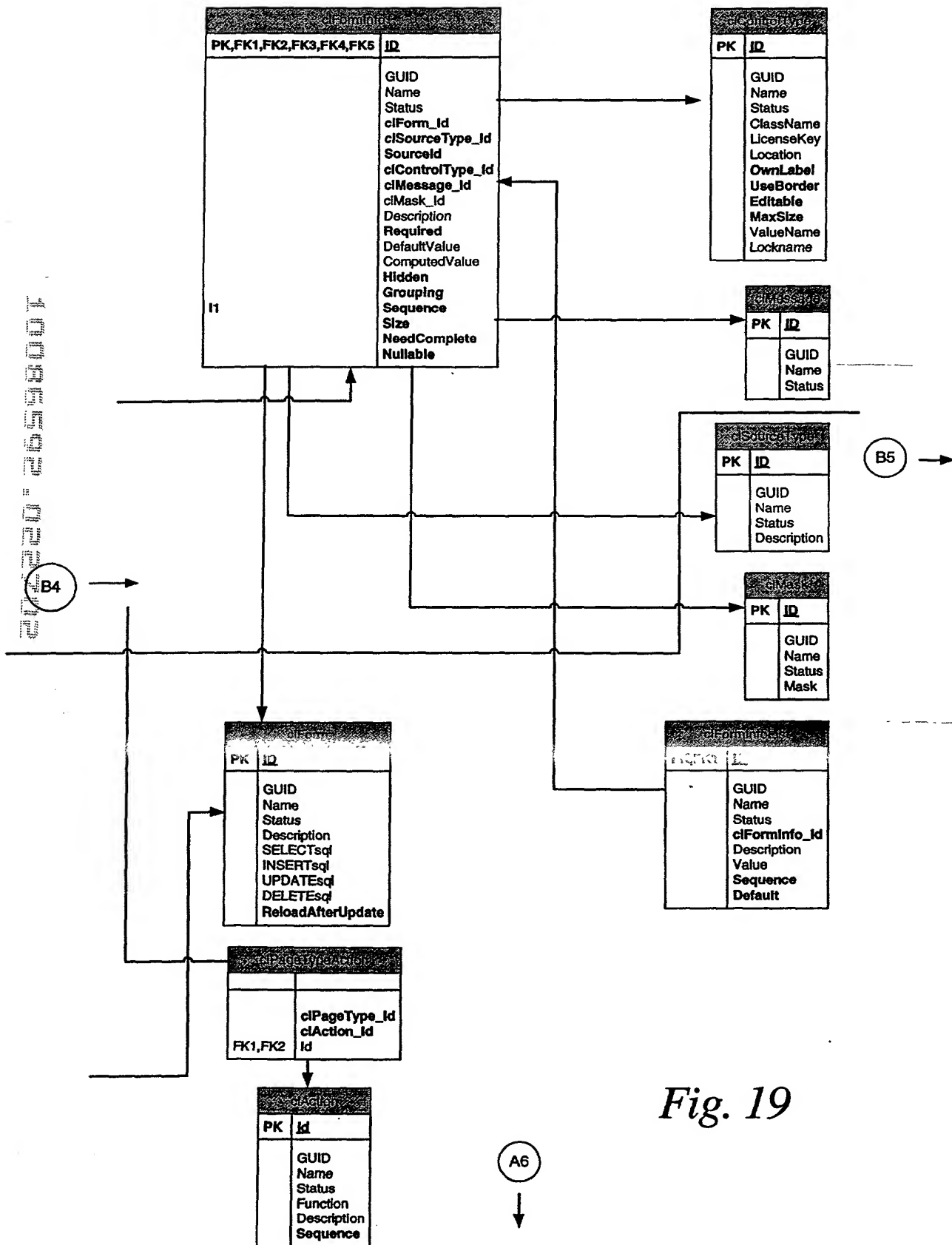


Fig. 19



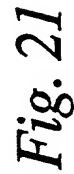
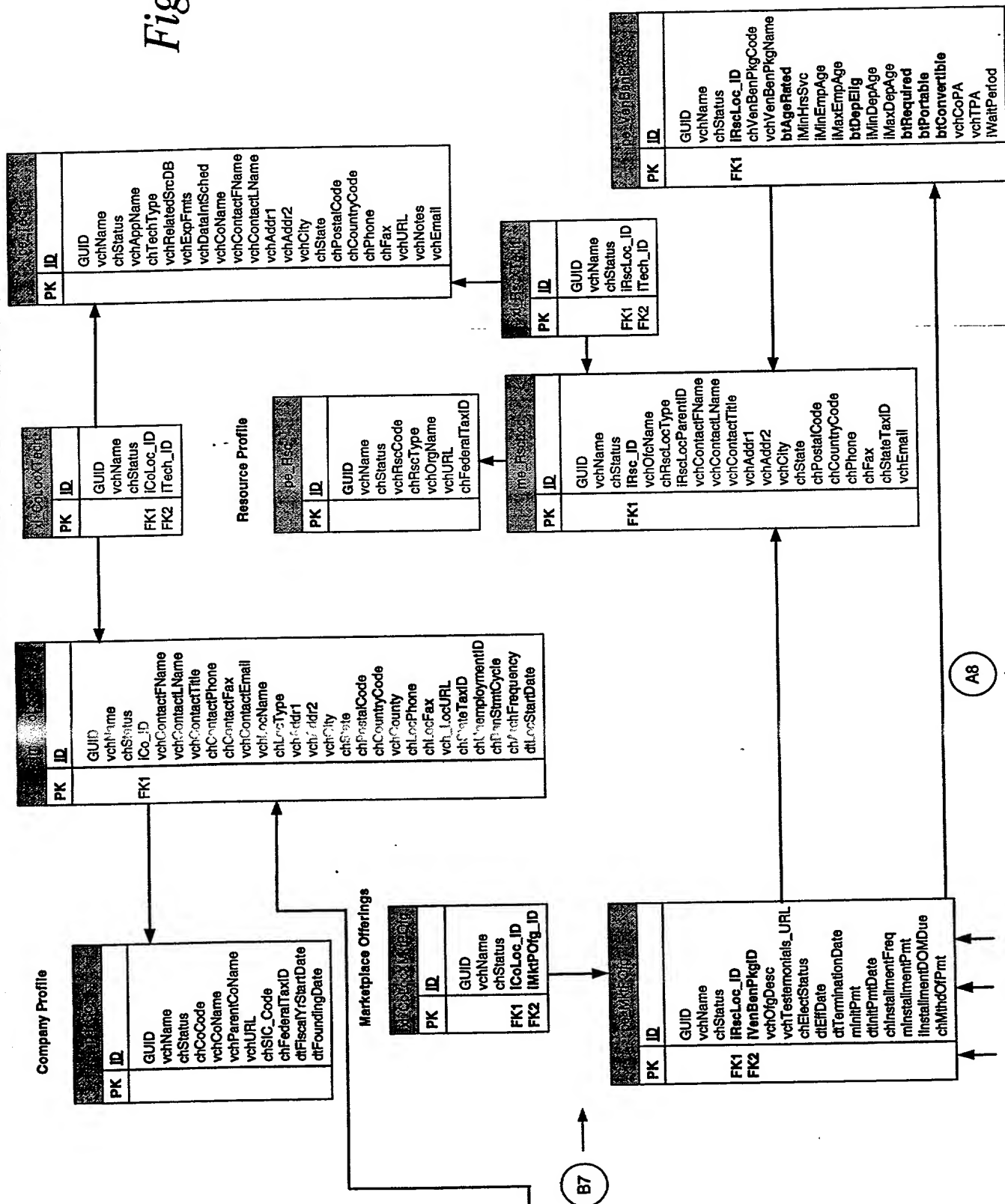
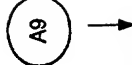
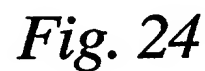


Fig. 22







Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
PERSONAL SITES AND MEMBERSHIP CHANNELS

Inventor(s): Jon E. Ramer, et al.

Attorney Docket No.: 11592.02

Lookup Tables

lk_LookupTables	
PK	ID
11	GUID chCode vchDesc

lk_PurchaseIntent	
PK	ID
11	GUID chCode vchDesc

lk_RecptType	
PK	ID
11	GUID chCode vchDesc

lk_ElectStatus	
PK	ID
11	GUID chCode vchDesc

lk_BonusCommCalc	
PK	ID
11	GUID chCode vchDesc

lk_HeadlineType	
PK	ID
11	GUID chCode vchDesc

lk_HierTypeCat	
PK	ID
11	GUID chCode vchDesc

lk_MktgCPM	
PK	ID
11	GUID chCode vchDesc

lk_LookType	
PK	ID
11	GUID chCode vchDesc

lk_BonusCommType	
PK	ID
11	GUID chCode vchDesc

lk_FmtStatus	
PK	ID
11	GUID chCode vchDesc

lk_JobTitleCat	
PK	ID
11	GUID chCode vchDesc

lk_PmtPlan	
PK	ID
11	GUID chCode vchDesc

lk_Country	
PK	ID
11	GUID chCode vchDesc

lk_Gstch	
PK	ID
11	GUID chCode vchDesc

lk_ComprUse	
PK	ID
11	GUID chCode vchDesc

lk_ComprUseLoc	
PK	ID
11	GUID chCode vchDesc

lk_RecptType	
PK	ID
11	GUID chCode vchDesc

lk_PurchaseOwnership	
PK	ID
11	GUID chCode vchDesc

lk_Publication	
PK	ID
11	GUID chCode vchDesc

lk_DepType	
PK	ID
11	GUID chCode vchDesc

lk_Elimcon	
PK	ID
11	GUID chCode vchDesc

lk_Activity	
PK	ID
11	GUID chCode vchDesc

lk_BdcastType	
PK	ID
11	GUID chCode vchDesc

lk_PayStat	
PK	ID
11	GUID chCode vchDesc

lk_Enrollmnt	
PK	ID
11	GUID chCode vchDesc

lk_ComprUseStat	
PK	ID
11	GUID chCode vchDesc

lk_InvestmentType	
PK	ID
11	GUID chCode vchDesc

lk_State	
PK	ID
11	GUID chCode vchDesc

lk_Smoke	
PK	ID
11	GUID chCode vchDesc

lk_PmtPlan	
PK	ID
11	GUID chCode vchDesc

lk_BdcastType	
PK	ID
11	GUID chCode vchDesc

A10



Fig. 25

PK		ID
11	GUID chCode vchDesc	

PK		ID
11	GUID chCode vchDesc	

PK		ID
11	GUID chCode vchDesc	

PK		ID
11	GUID chCode vchDesc	

Fig. 26

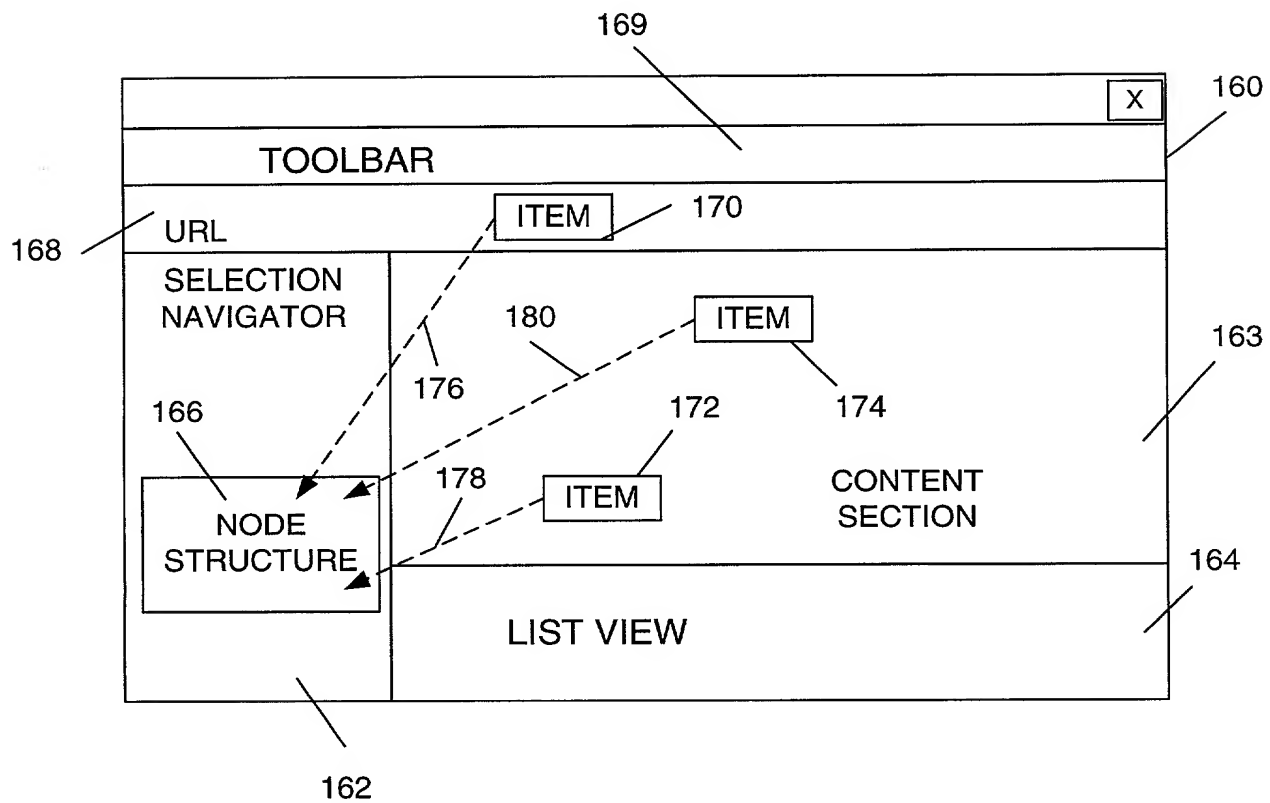


Fig. 27

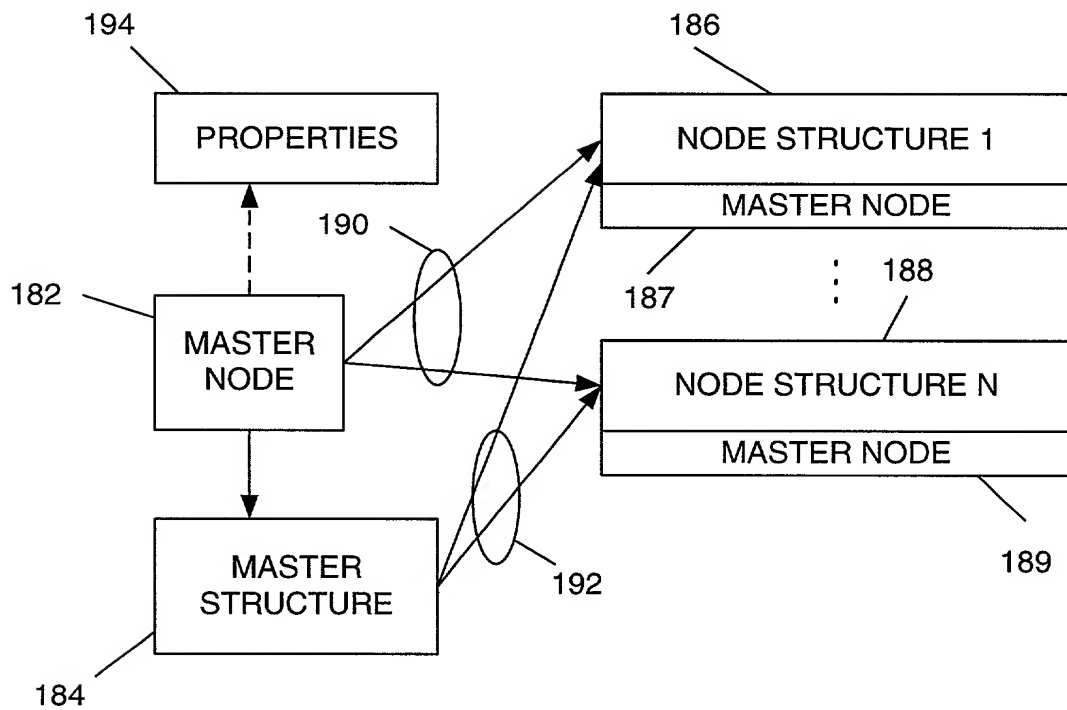


Fig. 28

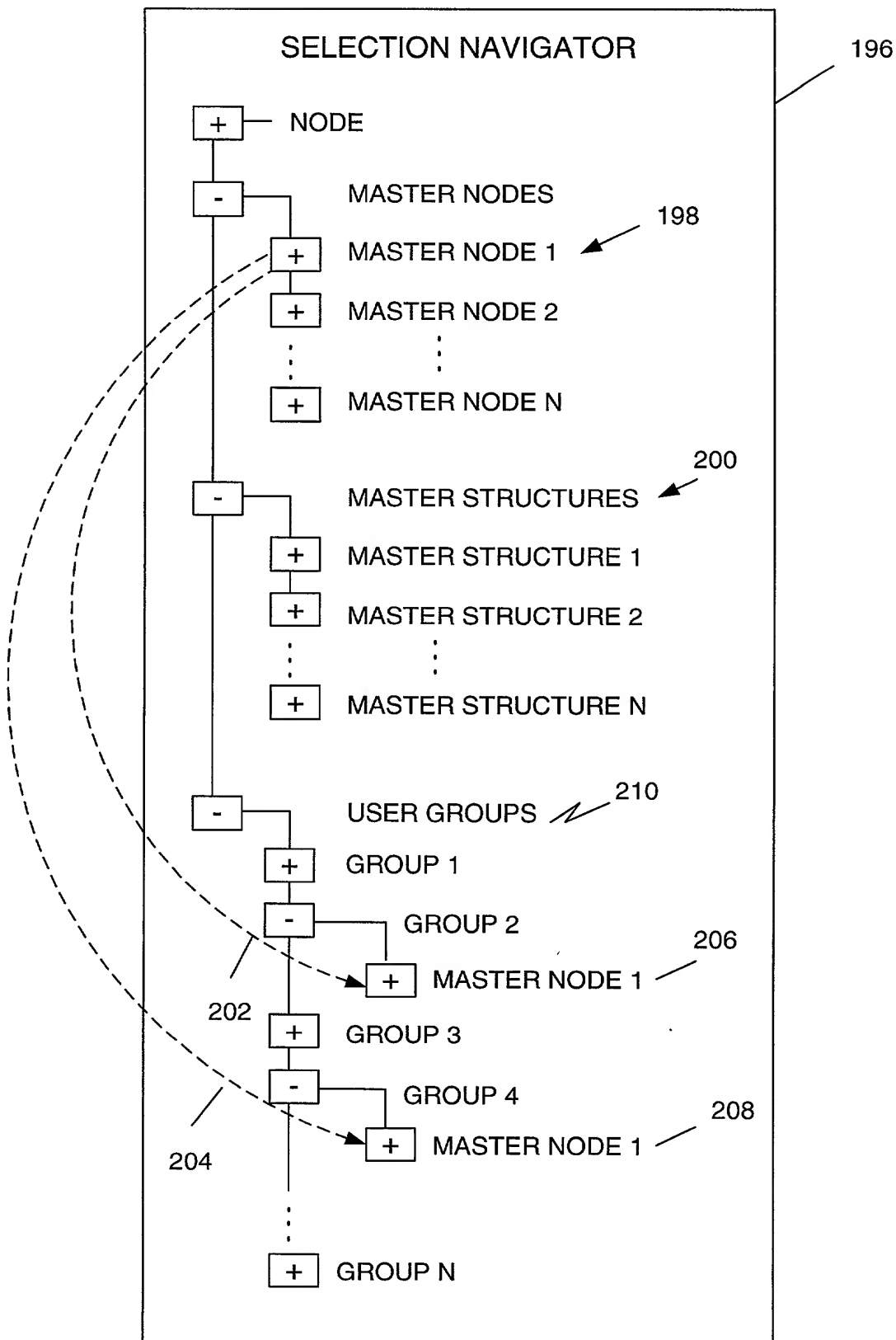


Fig. 29

Title: DYNAMIC CONFIGURATION OF CONTEXT-SENSITIVE
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Inventor(s): Jon E. Ramer, et al.

Attorney Docket No.: 11592.02

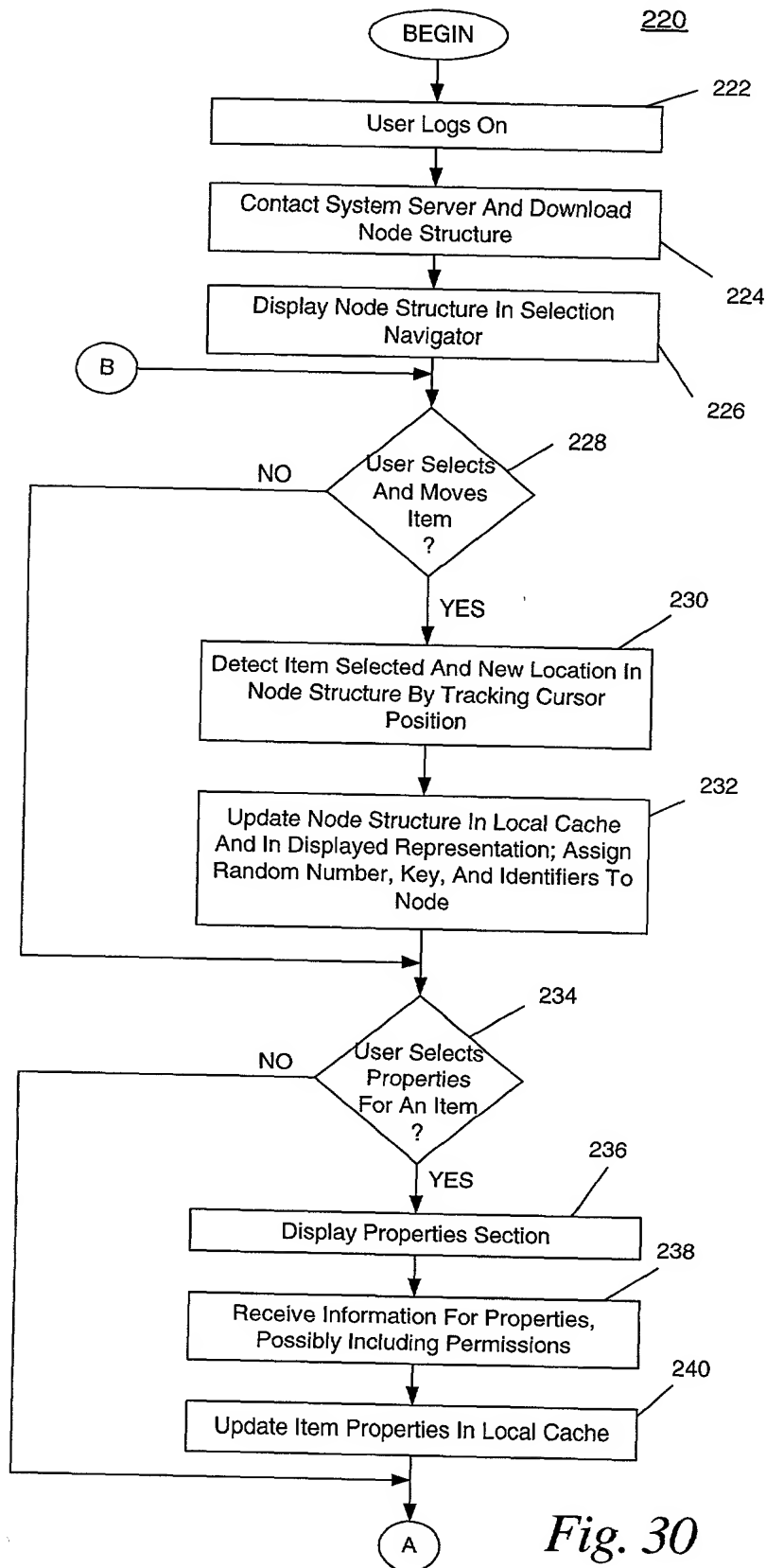


Fig. 30

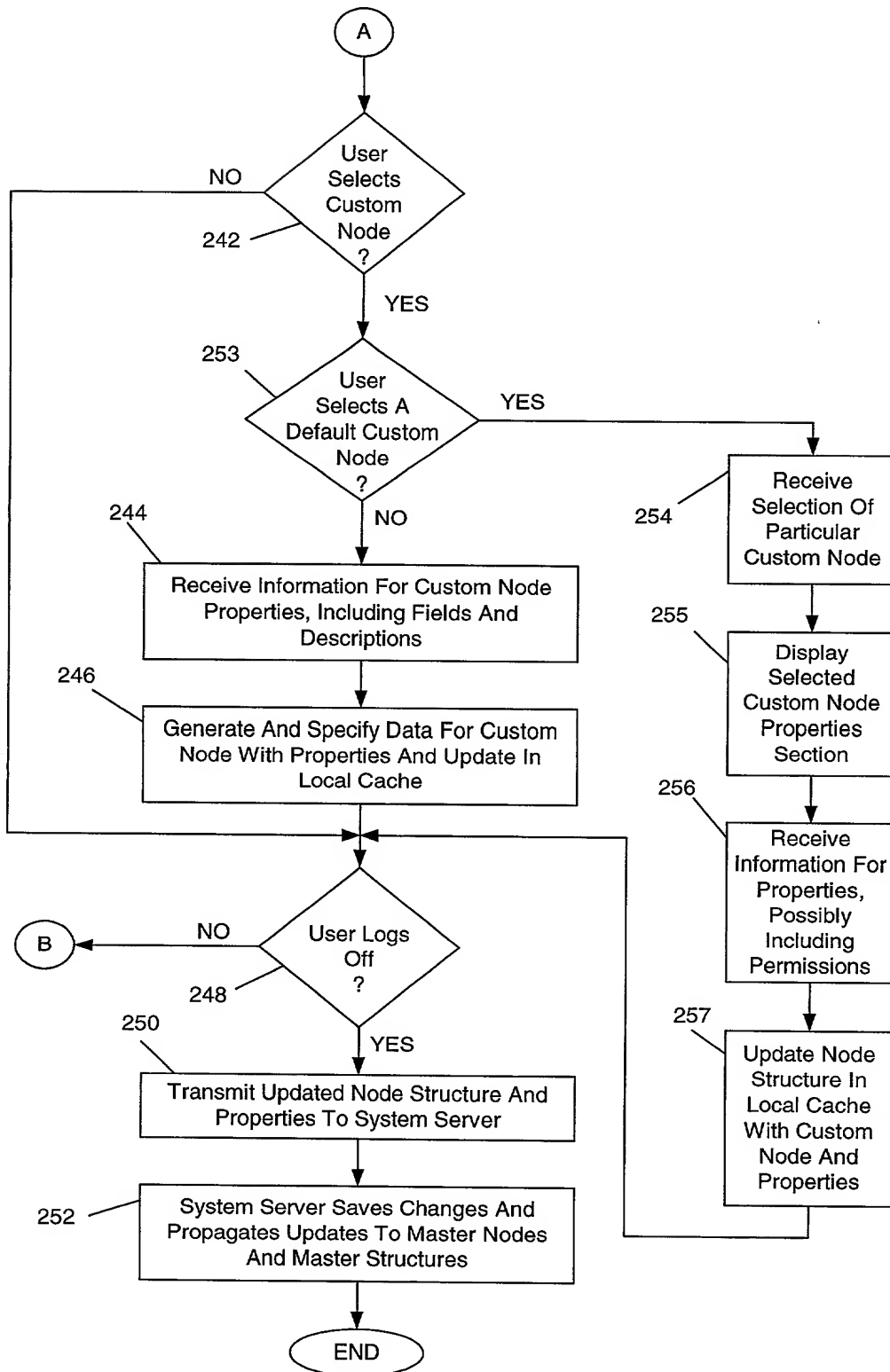
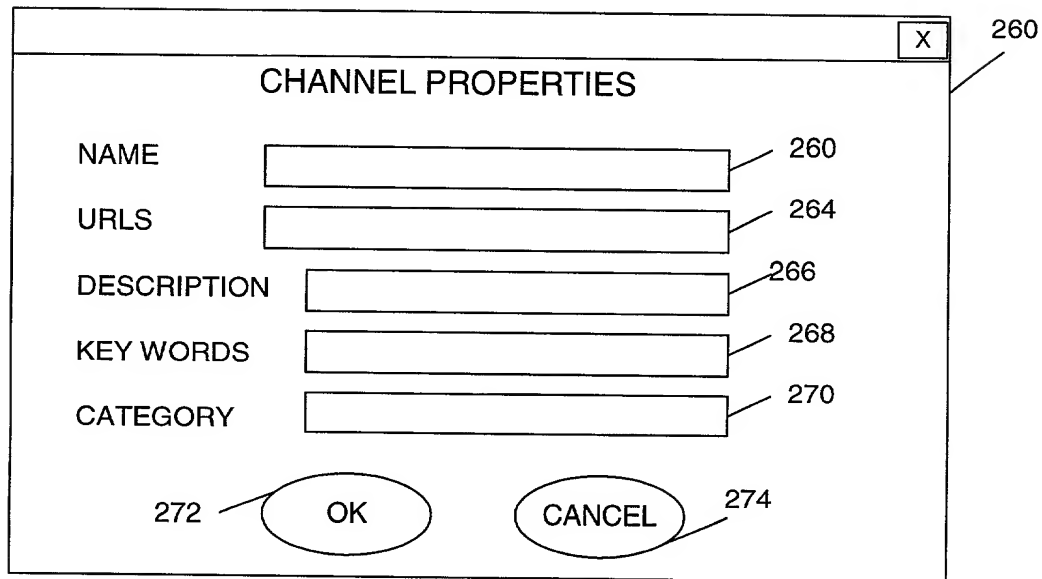
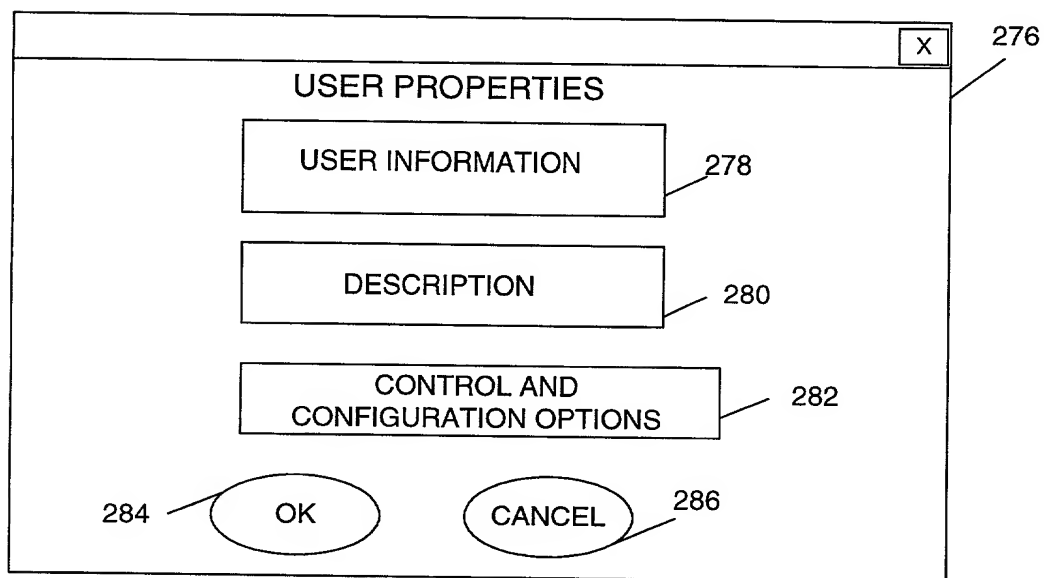


Fig. 31



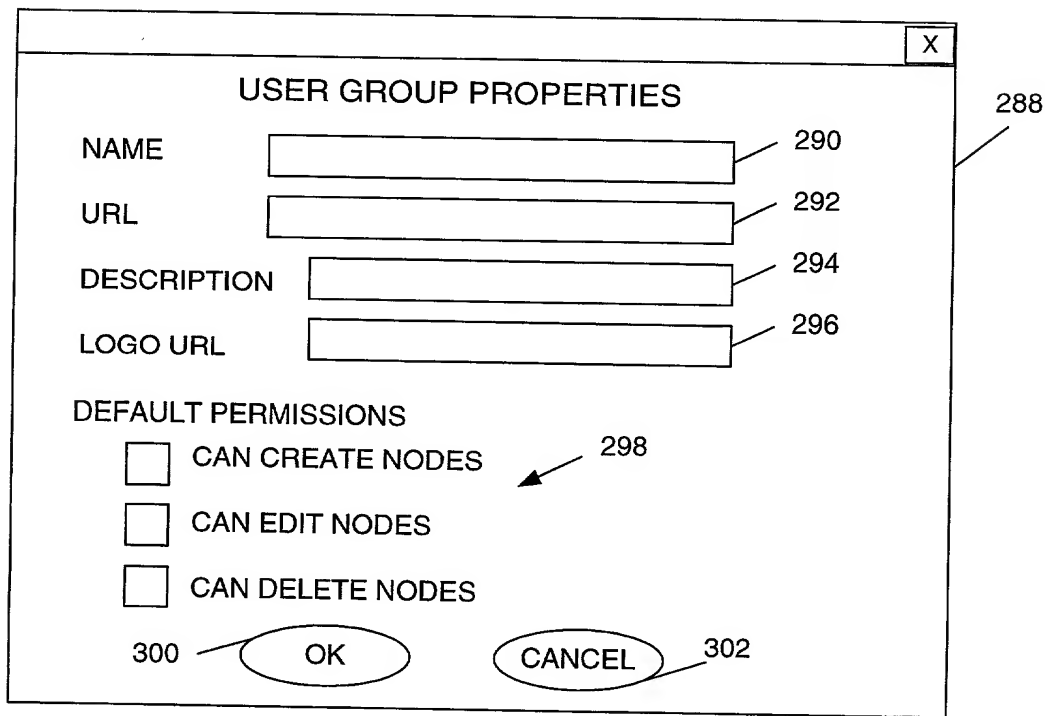
A dialog box titled "CHANNEL PROPERTIES" with a close button (X) in the top right corner. The dialog contains five text input fields, each with a label to its left: "NAME" (260), "URLS" (264), "DESCRIPTION" (266), "KEY WORDS" (268), and "CATEGORY" (270). At the bottom of the dialog are two oval buttons: "OK" (272) and "CANCEL" (274).

Fig. 32



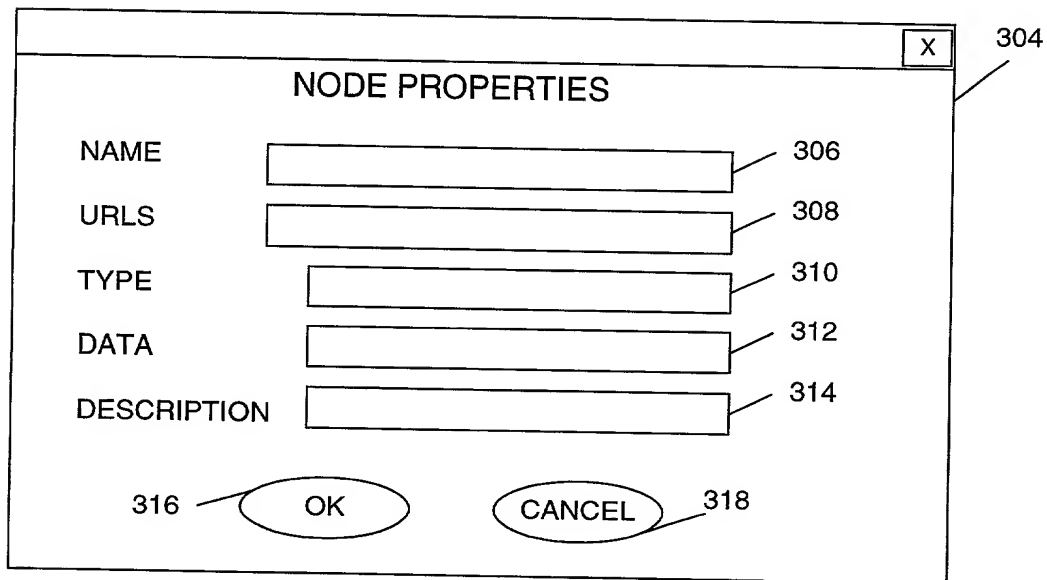
A dialog box titled "USER PROPERTIES" with a close button (X) in the top right corner. The dialog contains three rectangular buttons stacked vertically: "USER INFORMATION" (278), "DESCRIPTION" (280), and "CONTROL AND CONFIGURATION OPTIONS" (282). At the bottom of the dialog are two oval buttons: "OK" (284) and "CANCEL" (286).

Fig. 33



A dialog box titled "USER GROUP PROPERTIES" with a close button (X) in the top right corner. The dialog contains four text input fields: "NAME" (290), "URL" (292), "DESCRIPTION" (294), and "LOGO URL" (296). Below these fields is a section titled "DEFAULT PERMISSIONS" containing three checkboxes: "CAN CREATE NODES" (298), "CAN EDIT NODES", and "CAN DELETE NODES". At the bottom are two buttons: "OK" (300) and "CANCEL" (302).

Fig. 34



A dialog box titled "NODE PROPERTIES" with a close button (X) in the top right corner. The dialog contains five text input fields: "NAME" (306), "URLS" (308), "TYPE" (310), "DATA" (312), and "DESCRIPTION" (314). At the bottom are two buttons: "OK" (316) and "CANCEL" (318).

Fig. 35

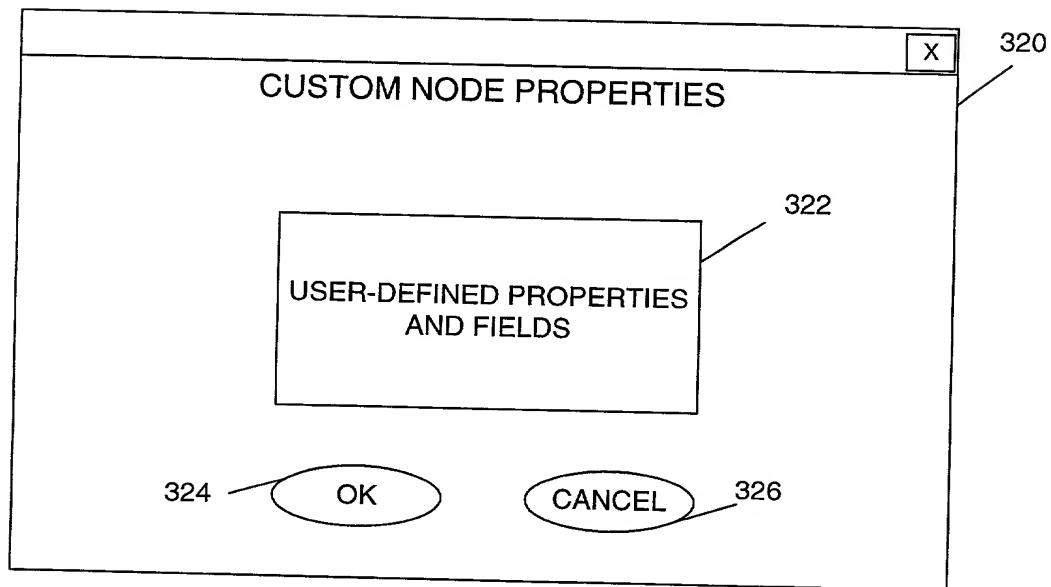


Fig. 36